TABLE 7(c)

02-95

EXTERNAL FLOATING ROOF STORAGE TANK SUMMARY

I. ***Tank Identification*** *(Use a separate form for each tank).*

1. Applicant's Name: _____
2. Location (*indicate on plot plan and provide coordinates*): _____
3. Tank No. _____ 4. Emission Point No. _____
5. FIN _____ CIN _____
6. Status: New tank [ ] Altered tank [ ] Relocation [ ] Change of Service [ ]

Previous permit or exemption number(s) _____

II. ***Tank Physical Characteristics***

1. Dimensions
   a. Shell Height : _____ ft.
   b. Diameter: _____ ft.
   c. Maximum Liquid Height : _____ ft.
   d. Nominal Capacity or Tank Volume: _____ gallons.
   e. Turnovers per year: _____
   f. Net Throughput : _____ gallons/year.
   g. Maximum Pumping Rate: _____ gallons/hour. (*Use the higher of the maximum fill rate or maximum withdrawal rate.*)
2. Shell and Paint Characteristics
   a. Shell Condition : Light Rust [ ] Dense Rust [ ] Gunite Lining [ ]
   b. Paint Color/Shade : White/White [ ] Aluminum/Specular [ ] Aluminum/Diffuse [ ] Gray/Light [ ] Gray/Medium [ ] Red/Primer [ ] Other [ ] (Describe _____)
   c. Paint Condition : Good [ ] Poor [ ]
3. Tank Construction and Rim-Seal System
   a. Tank Construction: Welded [ ] Riveted [ ]
   b. Primary Seal: Vapor-mounted [ ] Liquid-mounted [ ] Mechanical Shoe [ ]
   c. Secondary Seal : Rim-mounted [ ] Shoe-mounted [ ] None [ ]
4. Roof Type: Pontoon [ ] Double Deck [ ]
5. Roof Fitting Loss Factor: _____ lb-mole/year

   Based upon Typical [ ] Controlled [ ] or Actual [ ] fittings

   Complete Section IV, Fittings Information, to record fittings count used to calculate the roof fitting loss factor.

Permit No. _____ Tank No. _____

III. ***Liquid Properties of Stored Material***

1. Chemical Category: Organic Liquids [ ] Petroleum Distillates [ ] Crude Oils [ ]
2. Single or Multi-Component Liquid

   Single [ ] *Complete Section III.3*

   Multiple [ ] *Complete Section III.4*
3. Single Component Information
   a. Chemical Name: _____
   b. CAS Number: _____
   c. Average Liquid Surface Temperature: _____ °F.
   d. True Vapor Pressure at Average Liquid Surface Temperature: _____ psia.
   e. Liquid Molecular Weight: _____
4. Multiple Component Information
   a. Mixture Name: _____
   b. Average Liquid Surface Temperature: _____ °F.
   c. Minimum Liquid Surface Temperature: _____ °F.
   d. Maximum Liquid Surface Temperature: _____ °F.
   e. True Vapor Pressure at Average Liquid Surface Temperature: _____ psia.
   f. True Vapor Pressure at Minimum Liquid Surface Temperature: _____ psia.
   g. True Vapor Pressure at Maximum Liquid Surface Temperature: _____ psia.
   h. Liquid Molecular Weight: _____
   i. Vapor Molecular Weight: _____

j. Chemical Components Information

Chemical Name	CAS Number	Percent of Total Liquid Weight (typical)	Percent of Total VaporWeight(typical)	Molecular Weight

Permit No. _____ Tank No. _____

IV. *Fittings Information*

Fitting Type	Fitting Status	Quantity
Access Hatch (24-in. Diam.)	Bolted Cover, Gasketed	
Access Hatch (24-in. Diam.)	Unbolted Cover, Gasketed	
Access Hatch (24-in. Diam.)	Unbolted Cover, Ungasketed	
Gauge-Float Well (20-in.Diam.)	Bolted Cover, Gasketed	
Gauge-Float Well (20-in.Diam.)	Unbolted Cover, Gasketed	
Gauge-Float Well (20-in.Diam.)	Unbolted Cover, Ungasketed	
Gauge-Hatch/Sample Well (8-in.Diam.)	Weighted Mech. Actuation, Gask.	
Gauge-Hatch/Sample Well (8-in.Diam.)	Weighted Mech. Actuation, Ungask.	
Rim Vent (6-in. Diam.)	Weighted Mech. Actuation, Gask.	
Rim Vent (6-in. Diam.)	Weighted Mech. Actuation, Ungask.	
Roof Drain (3-in. Diam.)	Open	
Roof Drain (3-in. Diam.)	90% closed	
Roof Leg (2.5-in. Diam.)	Adjustable, Center Area	
Roof Leg (2.5-in. Diam.)	Adjustable, Pontoon Area	
Roof Leg (2.5-in. Diam.)	Adjustable, Double-Deck Roofs	
Roof Leg (2.5-in. Diam.)	Fixed	
Roof Leg (3-in. Diam.)	Adjustable, Center Area	
Roof Leg (3-in. Diam.)	Adjustable, Pontoon Area	
Roof Leg (3-in. Diam.)	Adjustable, Double-Deck Roofs	
Roof Leg (3-in. Diam.)	Fixed	
Slotted Guide-Pole/Sample Well	Ungask. Sliding Cover, w/o Float	
Slotted Guide-Pole/Sample Well	Gask. Sliding Cover, w. Float	
Slotted Guide-Pole/Sample Well	Gask. Sliding Cover, w/o Float	
Slotted Guide-Pole/Sample Well	Ungask. Sliding Cover, w. Float	
Unslotted Guide-Pole Well	Gasketed Sliding Cover	
Unslotted Guide-Pole Well	Ungasketed Sliding Cover	
Vacuum Breaker (10-in. Diam. Well)	Weighted Mech. Actuation, Gask.	
Vacuum Breaker (10-in. Diam. Well)	Weighted Mech. Actuation, Ungask.	